

ÖLFLEX® SF

Super-flexible H05VV-F power cable

ÖLFLEX® SF - H05VV-F harmonised PVC power cable, super flexible and colour-coded for various applications, especially for handheld equipment, U_0/U : 300/500V

Info

Super-flexible cable for handheld equipment

Ozone-resistant according to EN 50396



Benefits

High acceptance in Europe due to Harmonisation

Application range

Very suitable for domestic appliances, electrical power tools, and various handyman tools

H05VV-F cable types may not be used in commercial premises, with the exception of offices.

Not for permanent outdoor use.

Product features

Flame-retardant according IEC 60332-1-2

Highly flexible at cold temperatures

Design and geometry in compliance with harmonisation document

Ozone-resistant according to EN 50396

Norm references / Approvals

H05VV-F acc. to EN 50525-2-11,

from 6 cores: based on EN 50525-2-11

Product Make-up

Super-fine strands of bare copper wire with an individual wire diameter of 0.07 mm

PVC core insulation, cold-resistant

PVC outer sheath, cold-resistant,

orange (similar to RAL 2003)

Last Update (21.02.2024)

©2024 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

ÖLFLEX® SF

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001578 ETIM 6.0 Class-Description: Flexible cable
Core identification code:	Colours according to VDE 0293-308, refer to Appendix T9 From 6 cores: black with white numbers
Conductor stranding:	Super-fine wire (diameter of each wire is 0.07 mm)
Minimum bending radius:	Occasional flexing: 10 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U0/U: 300/500 V
Test voltage:	3000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Flexing: -15°C to +60°C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

ÖLFLEX® SF

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® SF				
0027590	2 X 0.75	6.4	14.9	50
0027591	3 G 0.75	7	22.3	60
00275923	4 G 0.75	7.7	29.7	73
00275933	5 G 0.75	8.7	37.1	88
0027600	2 X 1.0	6.8	20.1	74
0027601	3 G 1.0	7.4	30.2	87
00276033	5 G 1.0	9.2	50.8	130
0027701	3 G 1.5	8.7	44.8	116
00277023	4 G 1.5	9.9	61	166
00277033	5 G 1.5	11.1	72	184